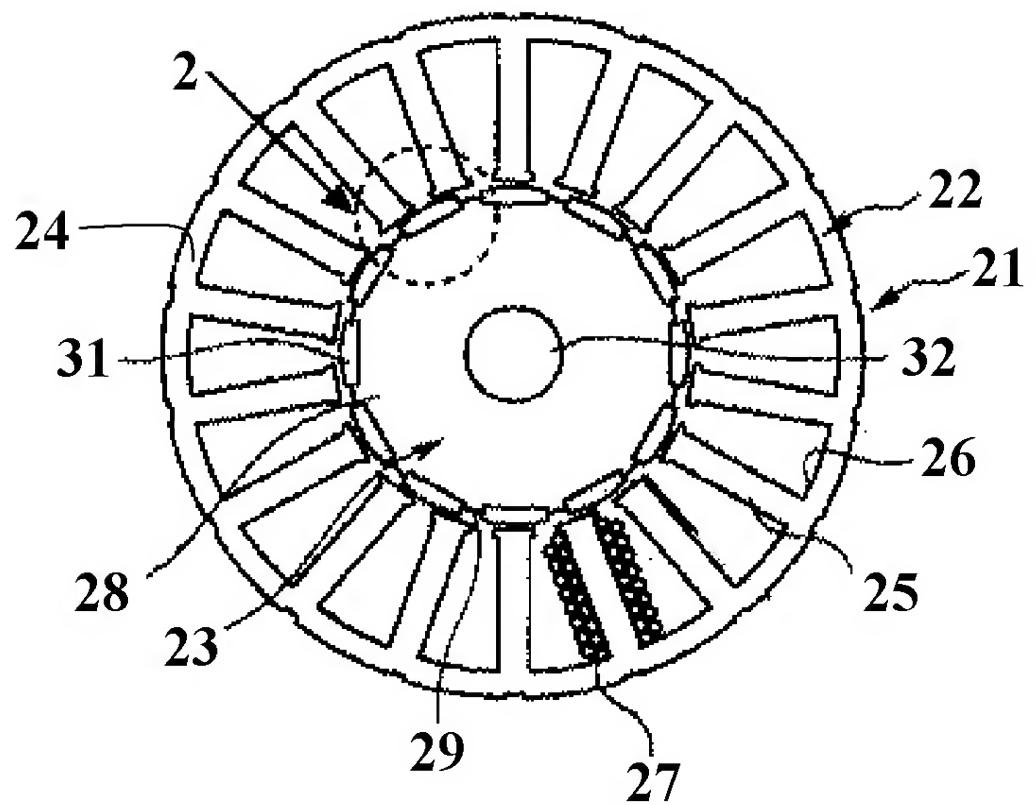


**FIG. 2**  
**PRIOR ART**



**FIG. 1**  
**PRIOR ART**

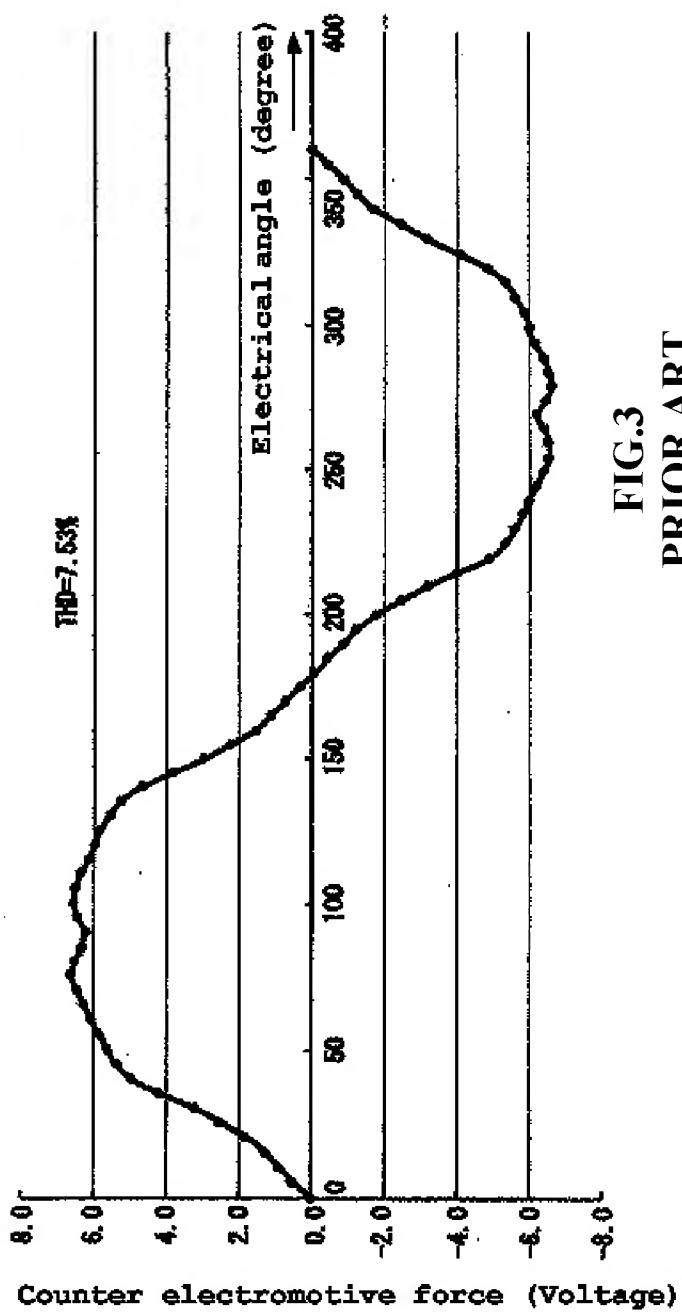


FIG.3  
PRIOR ART

Electromotive force waveform  
Field analysis data  
Analysis result of harmonics

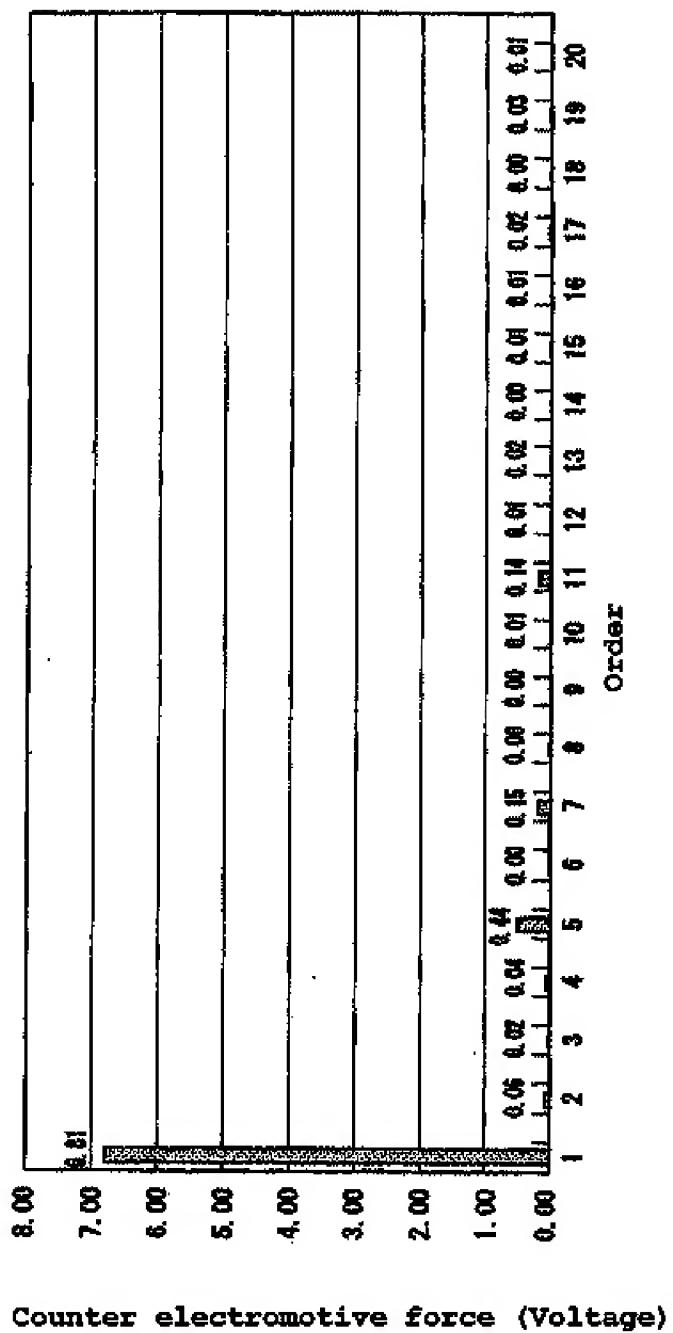


FIG. 4  
PRIOR ART

Electromotive force waveform  
Field analysis data (enlarged)

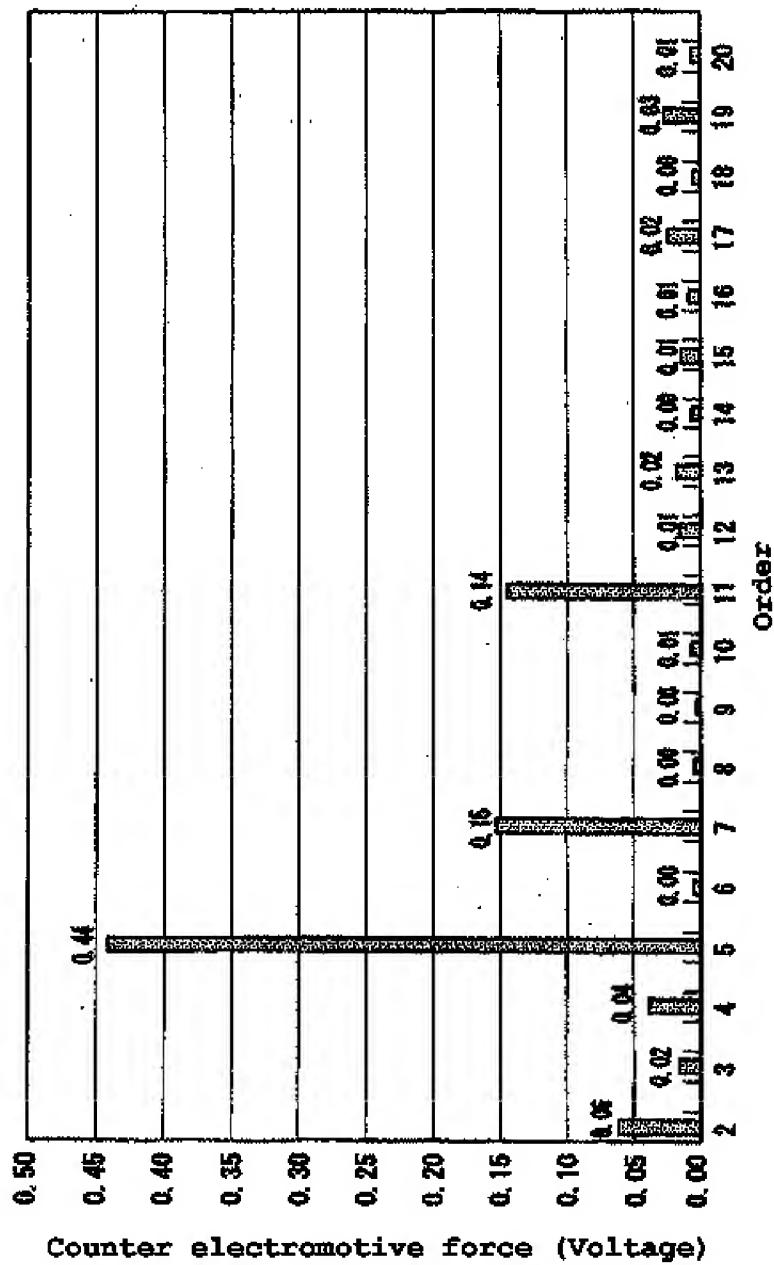
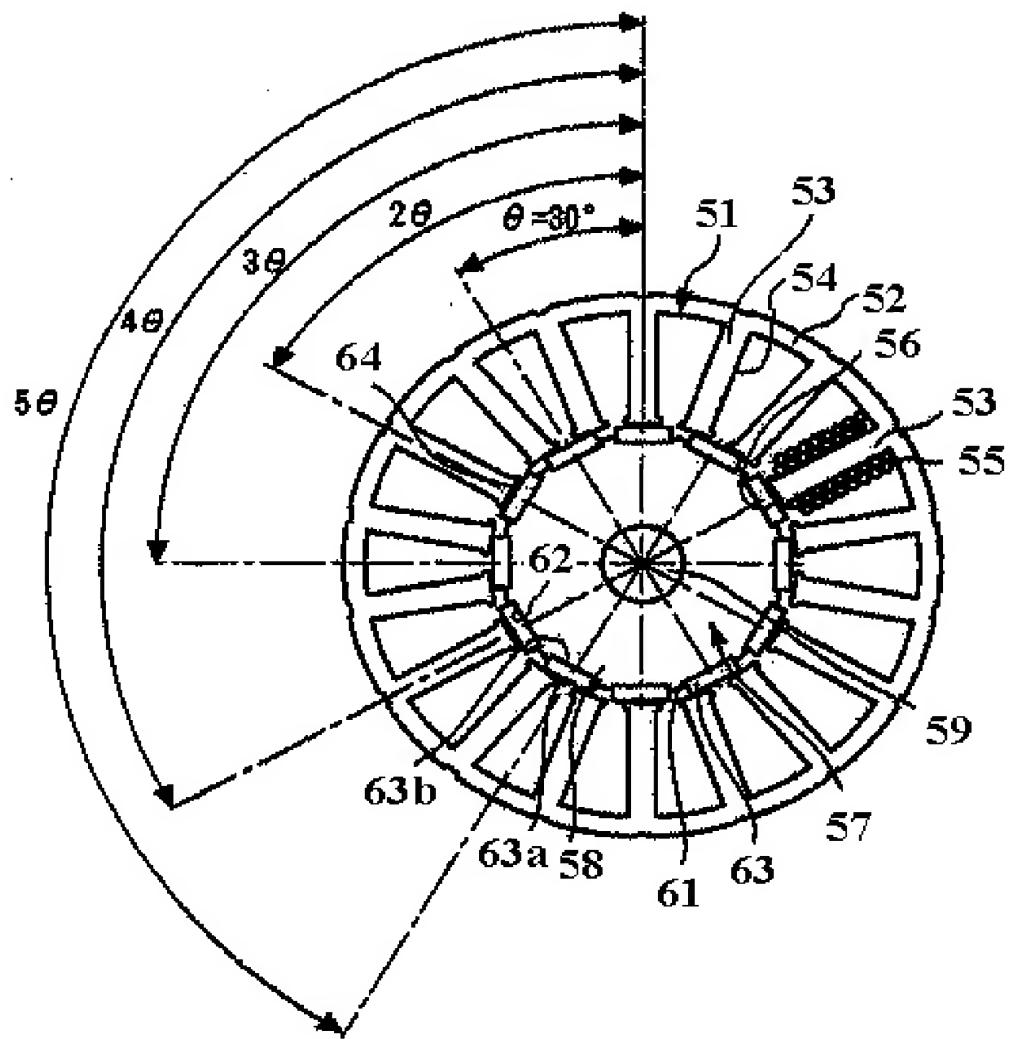


FIG. 5  
PRIOR ART

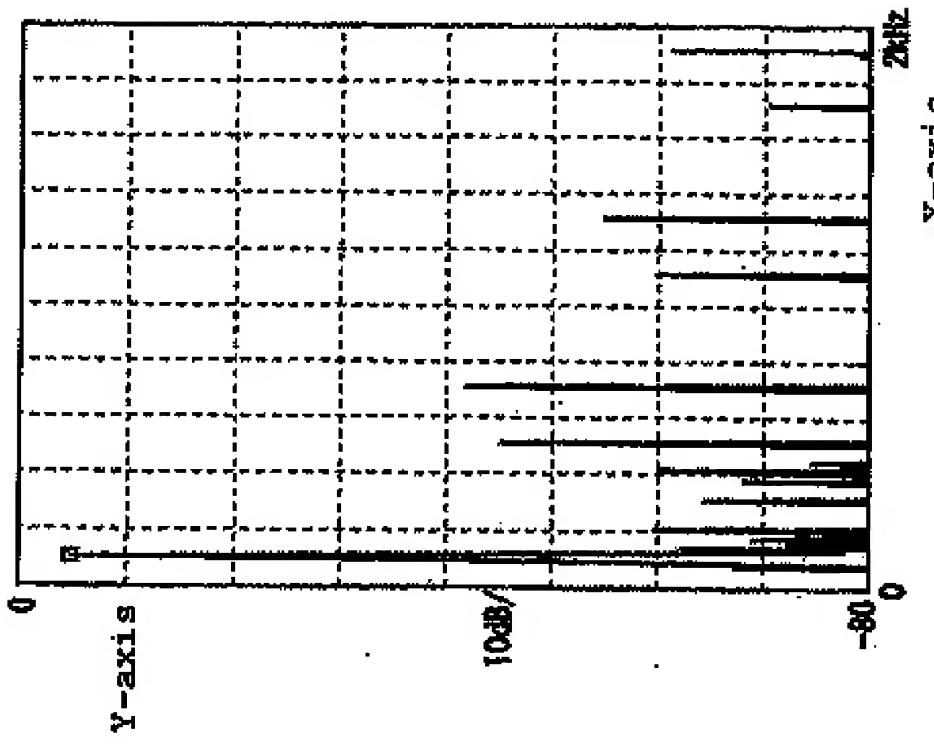


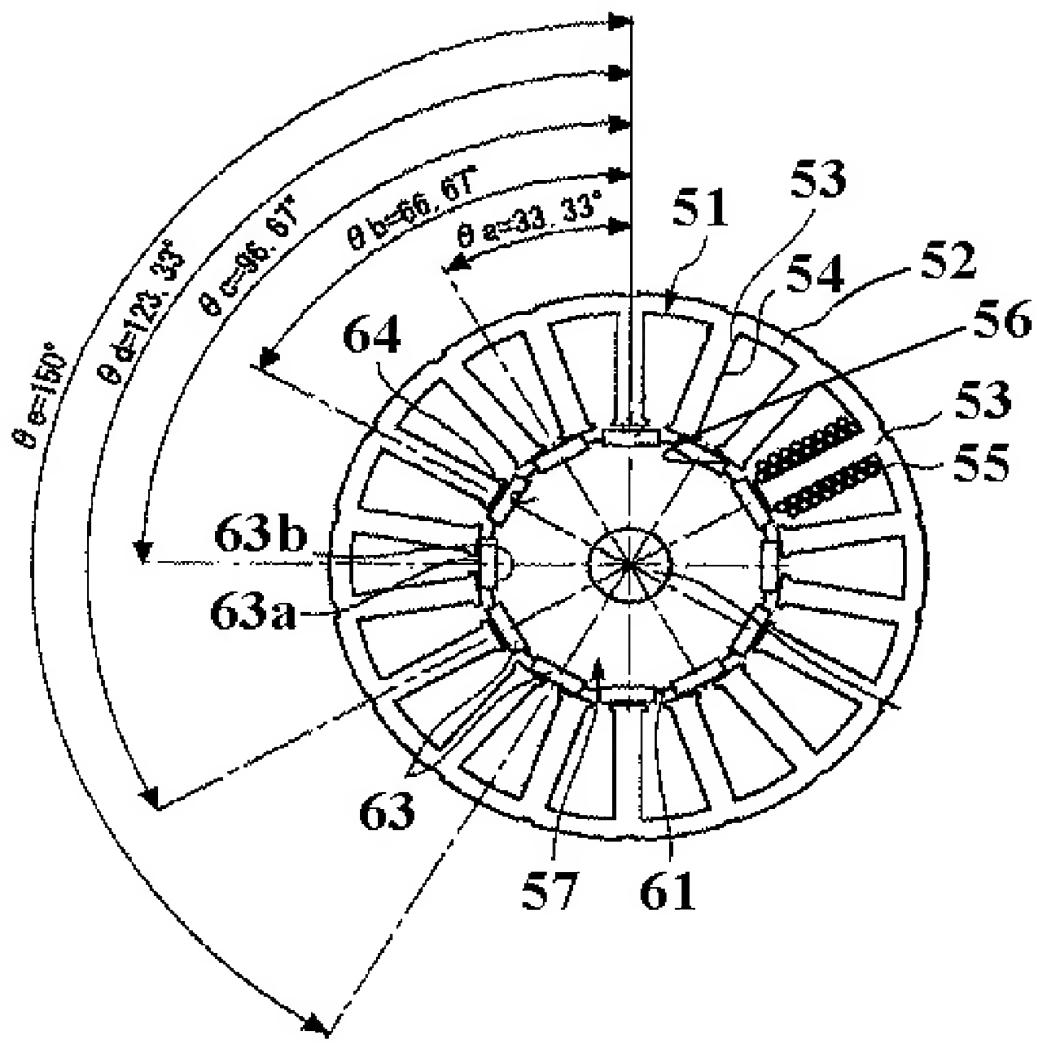
**FIG. 6**

**FIG. 8**

Total Harmonic dist -39.934 dBVr T. H. D=1.73%							
order	X(0Hz)	Y(0Hz)	Dist(V)	order	X(0Hz)	Y(0Hz)	
1	100	-4.7	11	1107.5	-59.77	0.177	
2	292.5	-59.85	0.175	12	1207.6	-102.75	0.001
3	392.5	-64.44	0.103	13	1307.5	-54.87	0.31
4	492.5	-59.92	0.173	14	1410	-86.84	0.002
5	592.5	-46.63	0.92	15	1510	-86.81	0.009
6	695	-40.82	0.005	16	1610	-93.14	0.004
7	795	-41.85	1.389	17	1710	-70.57	0.061
8	895	-78.95	0.019	18	1810	-102.59	0.001
9	995	-88.92	0.005	19	1912.5	-61.21	0.15
10	1007.5	-103.06	0.001	20	....	0	0

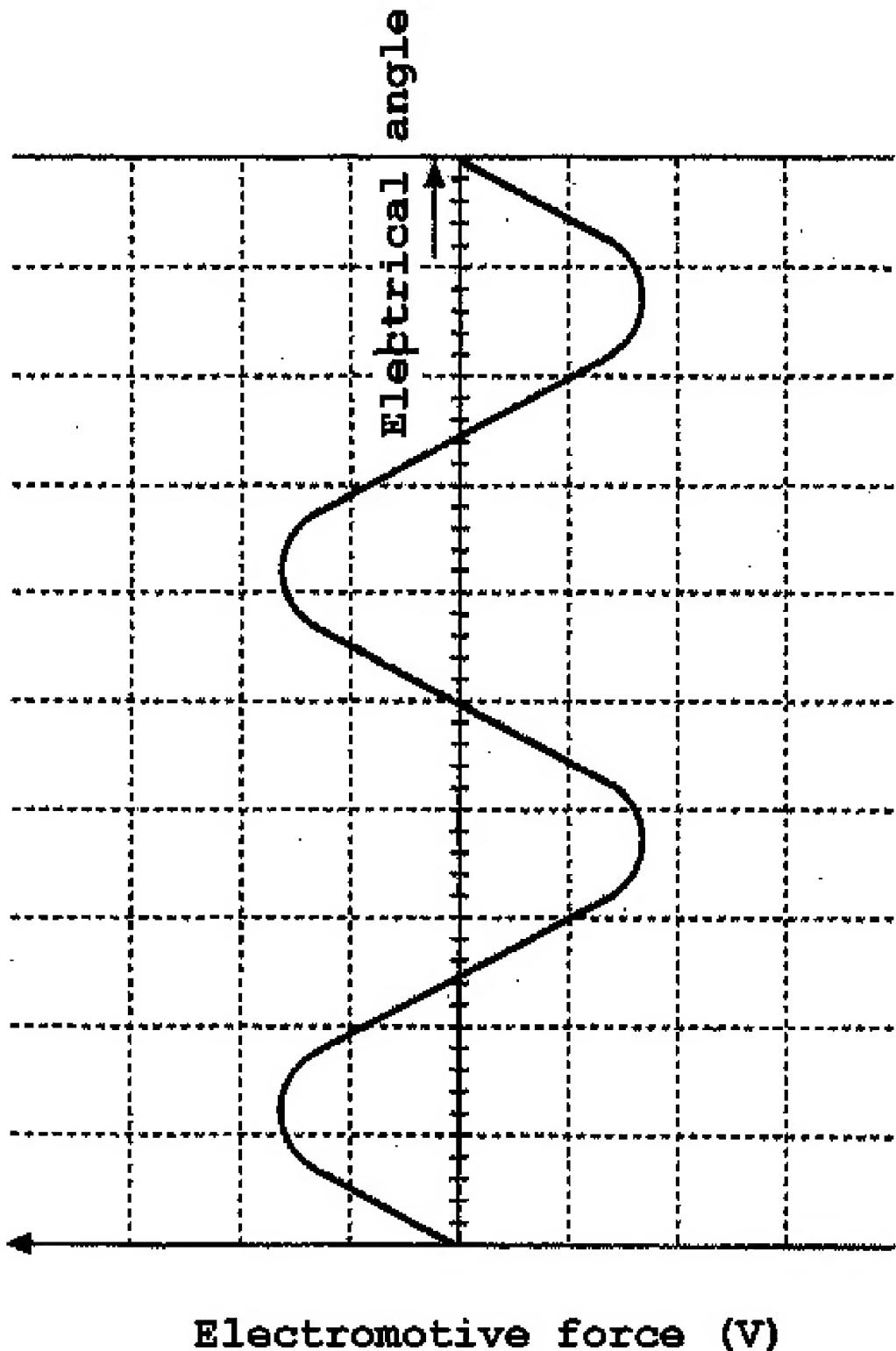
**FIG. 7**





**FIG. 9**

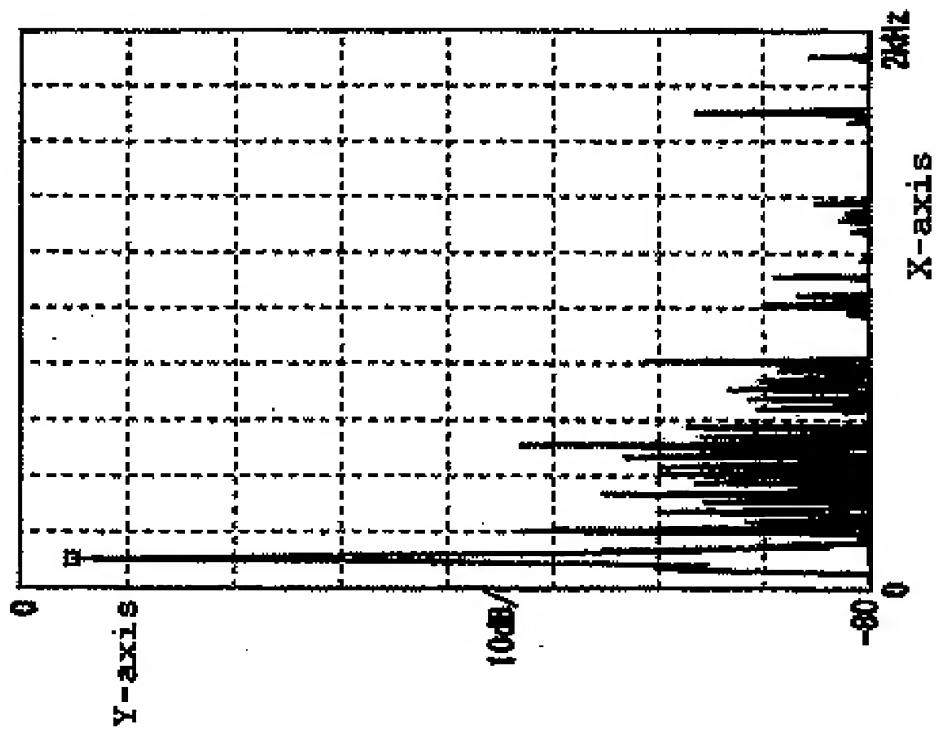
**FIG. 10**

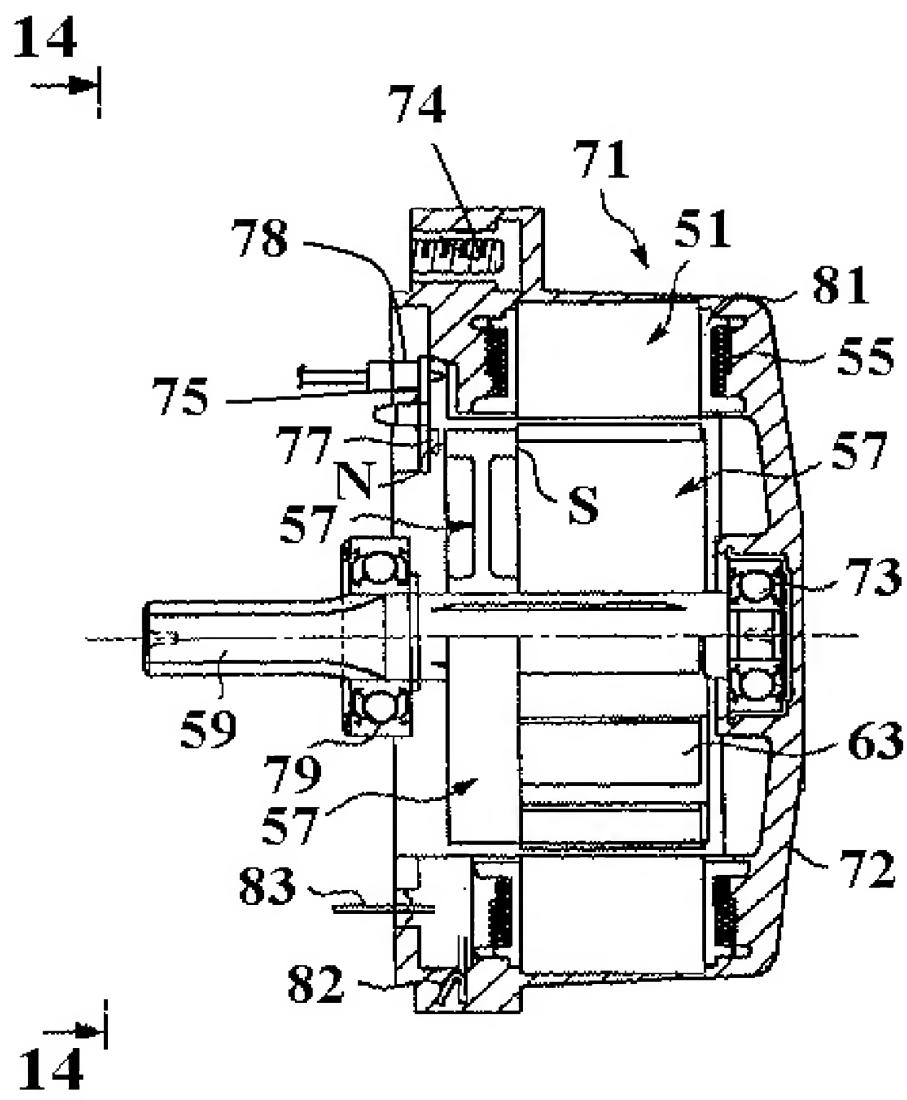


**FIG. 12**

Total Harmonic dist -43.959 dBW T. H. D=1.101%							
order	X(0z)	Y(0Wz)	Dist (%)	X(0z)	Y(0Wz)	Dist (%)	
1	100	-4.79		11	1105	-71.22	0.048
2	200	-47.37	0.743	12	1195	-59.94	0.002
3	300	-56.6	0.081	13	1310	-77.53	0.023
4	405	-60.49	0.164	14	1445	-82.11	0.007
5	505	-47.26	0.752	15	1575	-58.64	0.002
6	605	-55.87	0.099	16	1710	-84.14	0.108
7	705	-67.46	0.074	17	1845	-91.51	0.005
8	805	-59.18	0.191	18	1980	-86.49	0.008
9	905	-64.36	0.013	19	... ...	0	0
10	1005	-70.52	0.052	20	... ...	0	0

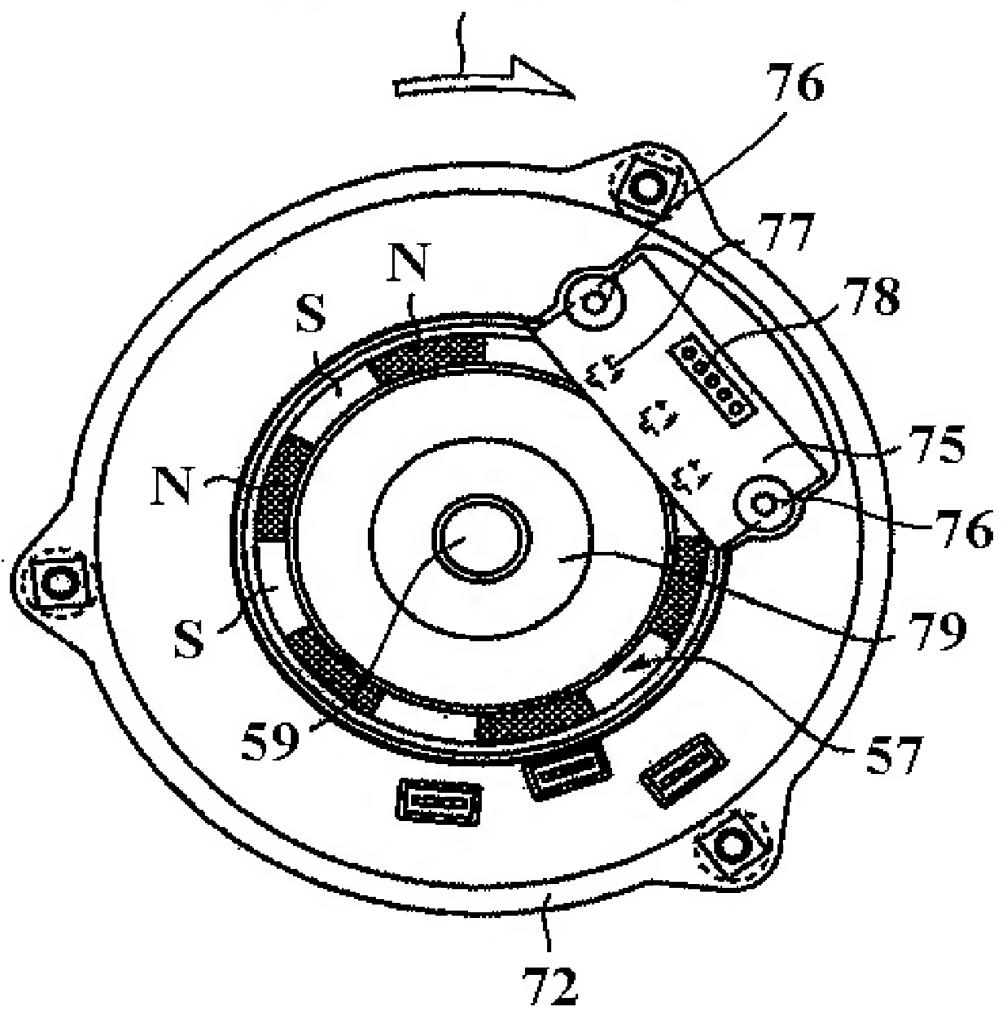
**FIG. 11**





**FIG. 13**

**DIRECTION OF ROTATION**



**FIG. 14**